# USB 2.0 Ethernet Adapter

# Model # ASOHOUSB

# User's Manual

Ver. 1A

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# Introduction

The USB 2.0 Ethernet Adapter is a high performance and highly integrated USB 2.0 bus Ethernet Controller with embedded 7K*16 bit SRAM. The Adapter supports both 10 Mbps and 100 Mbps Ethernet function based on IEEE802.3 and IEEE802.3u LAN standard.

## *Package Contents*

- USB 2.0 Ethernet Adapter
- Driver CD
- Quick Installation Guide

## *Features*

- Compliant with BOTH the Standard Specification of USB 2.0 and USB 1.1
- Compatible with IEEE 802.3u 100 BASE-T, TX, and T4
- Single chip USB to 10/100 Mbps Fast Ethernet Controller
- Supports BOTH bus or self powered mode
- Embedded 7K*16 bit SRAM, 256*16 bit SRAM and 8 FIFO
- Supports both full-duplex or half-duplex operations
- Provides a MII port for both Ethernet and PHY interface
- Supports suspended mode and remote wake-up (link-up or magic packet)
- PHY power down mode for power saving
- External PHY loop-back diagnostic capability

## *System Requirements*

- IBM compatible Pentium-233MHZ or faster
- 64 MB RAM or more
- Available USB 2.0 Port
- Systems with OS: MS Windows 98SE / ME / 2000 / XP

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# Installation

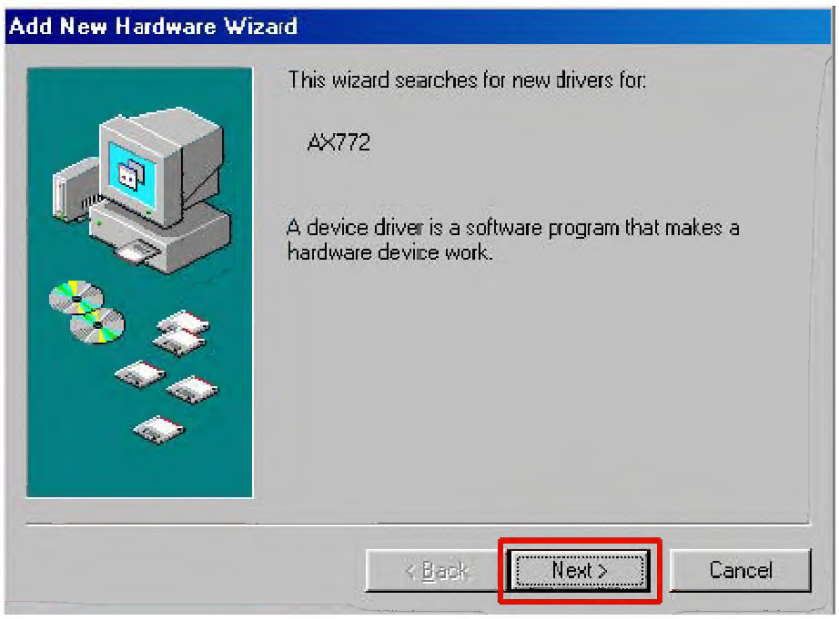
## *Windows 98SE*

**Step 1** Power on your computer and connect the USB 2.0 Ethernet Adapter to your computer's USB port.

**Step 2** Insert the Driver CD into your CD drive.

**Step 3** If the autorun screen appears, click **Exit** to close the autorun screen.

**Step 4** Click **Next** at the Add New Hardware Wizard.


Add New Hardware Wizard
This wizard searches for new drivers for:
AX772
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

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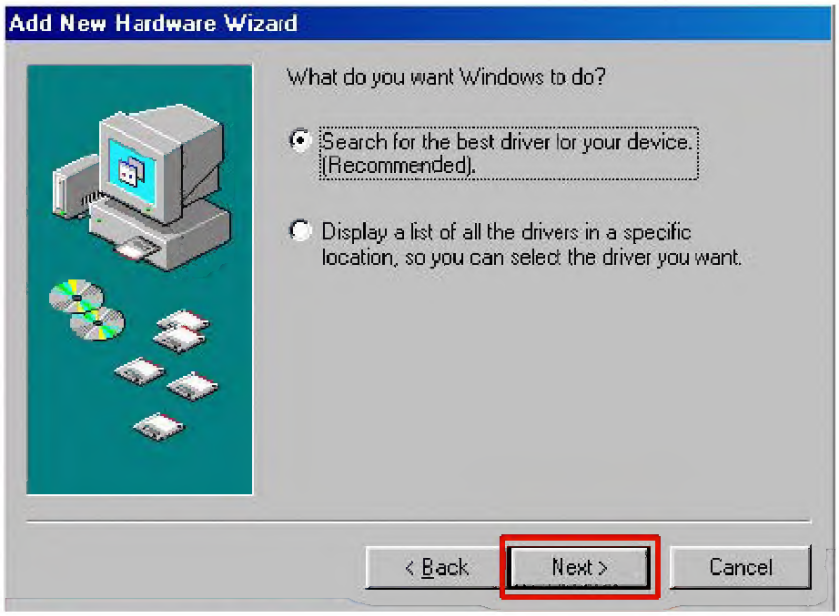
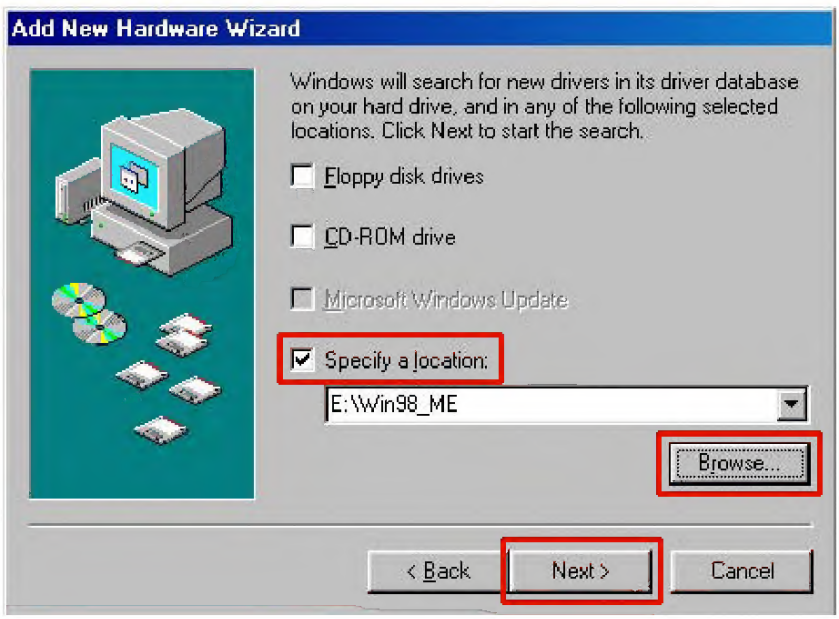
**Step 5** Select **Search for the best driver for your device (Recommended)** and click **Next**.


Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

**Step 6** Check on the **Specify a location** check box and click **Browse**.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
E:\Win98_ME
Browse...
< Back
Next >
Cancel



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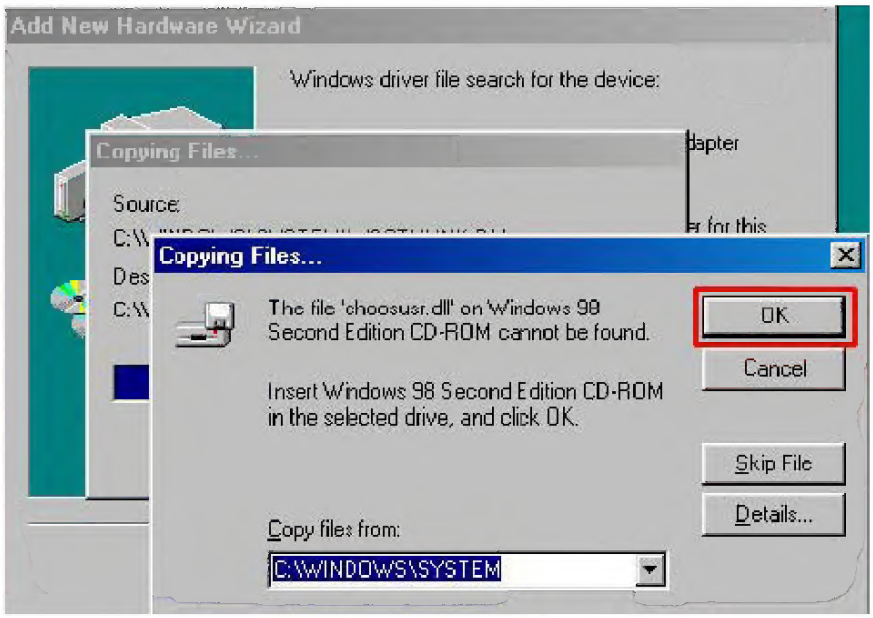
**Step 7** Expand the CD drive and select the **Win98_ME** folder and click **OK**.

**Step 8** Click **Next** to install the driver.

**Step 9** Insert Windows 98SE CD when prompted to do so and click **OK**.




**Step 10** Click **Finish** to complete the installation.

**Step 11** Connect an Ethernet cable from the USB 2.0 Ethernet Adapter to the desired Ethernet device.

**Step 12** Restart your computer.



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## *Windows ME*

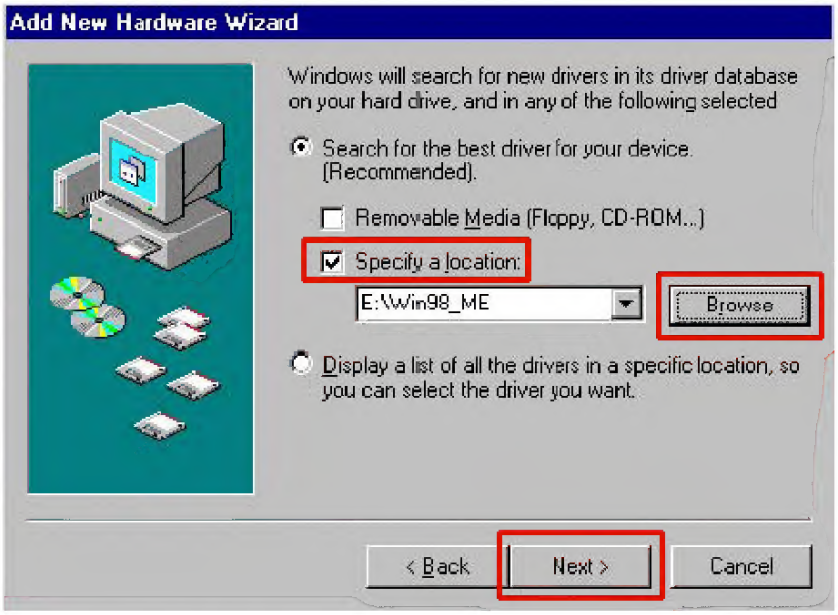
**Step 1** Power on your computer and connect the USB 2.0 Ethernet Adapter to your computer's USB port.

**Step 2** Insert the Driver CD into your CD drive.

**Step 3** If the autorun screen appears, click **Exit** to close the autorun screen.

**Step 4** Select **Specify the location of the driver (Advanced)** and click **Next**.

**Step 5** Check on the **Specify a location** check box and click **Browse**.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected
Search for the best driver for your device. (Recommended).
Removable Media (Floppy, CD-ROM...)
Specify a location:
E:\Win98_ME
Browse
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

**Step 6** Expand the CD drive and select the **Win98_ME** folder and click **OK**.



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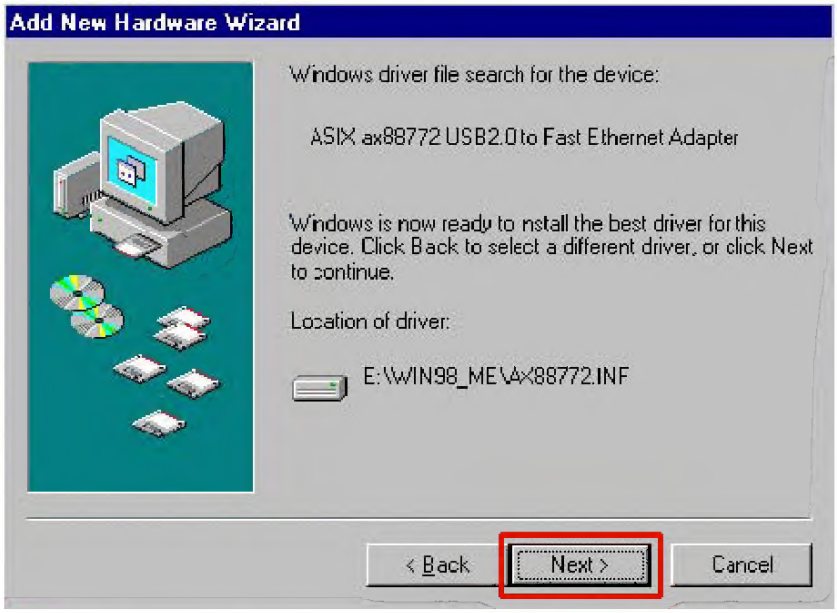
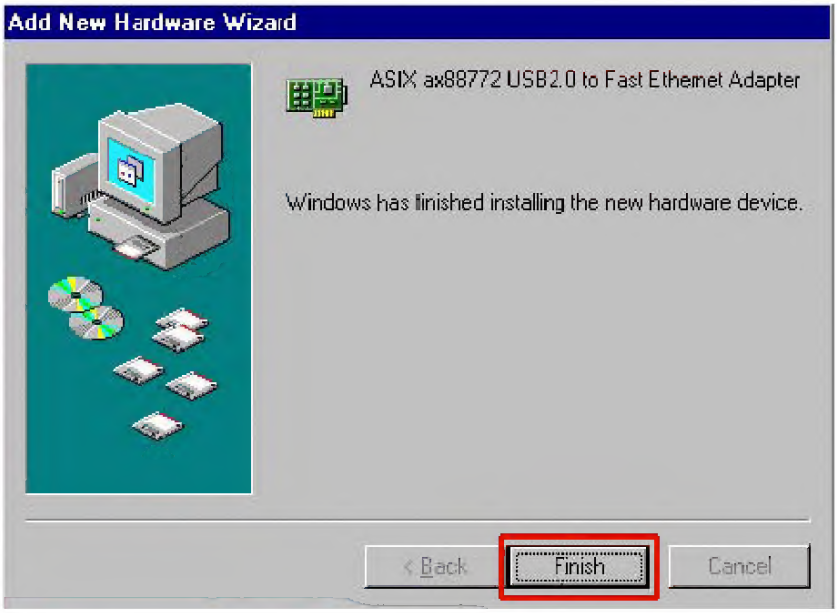
**Step 7** Click **Next** to install the driver.


Add New Hardware Wizard
Windows driver file search for the device:
ASIX ax88772 USB2.0 to Fast Ethernet Adapter
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
E:\WIN98_ME\AX88772.INF
< Back
Next >
Cancel

**Step 8** Click **Finish** to complete the installation.




**Step 9** Connect an Ethernet cable from the USB 2.0 Ethernet Adapter to the desired Ethernet device.

**Step 10** Restart your computer.



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## *Windows 2000*

**Step 1** Power on your computer and connect the USB 2.0 Ethernet Adapter to your computer's USB port.

**Step 2** Insert the Driver CD into your CD drive.

**Step 3** If the autorun screen appears, click **Exit** to close the autorun screen.

**Step 4** Click **Next** at the Found New Hardware Wizard.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel



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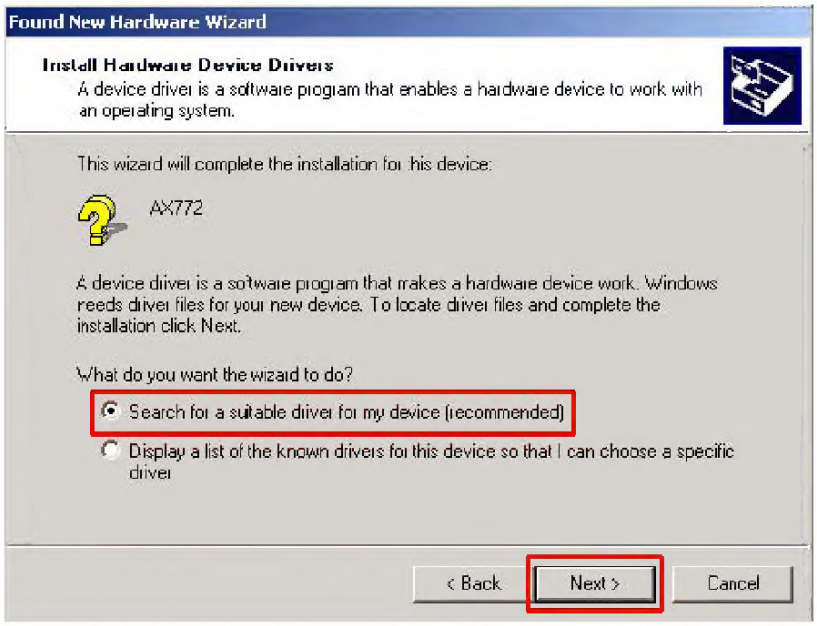
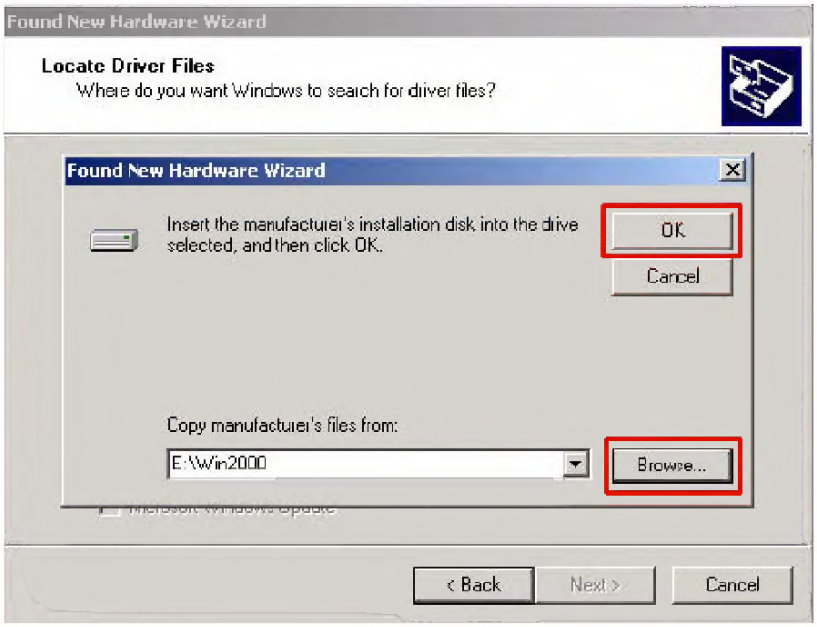
**Step 5** Select **Search for a suitable driver for my device (recommended)** and click **Next.**


Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
AX772
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

**Step 6** Click **Browse**, expand the CD drive, select **Win2000** folder and click **OK.**



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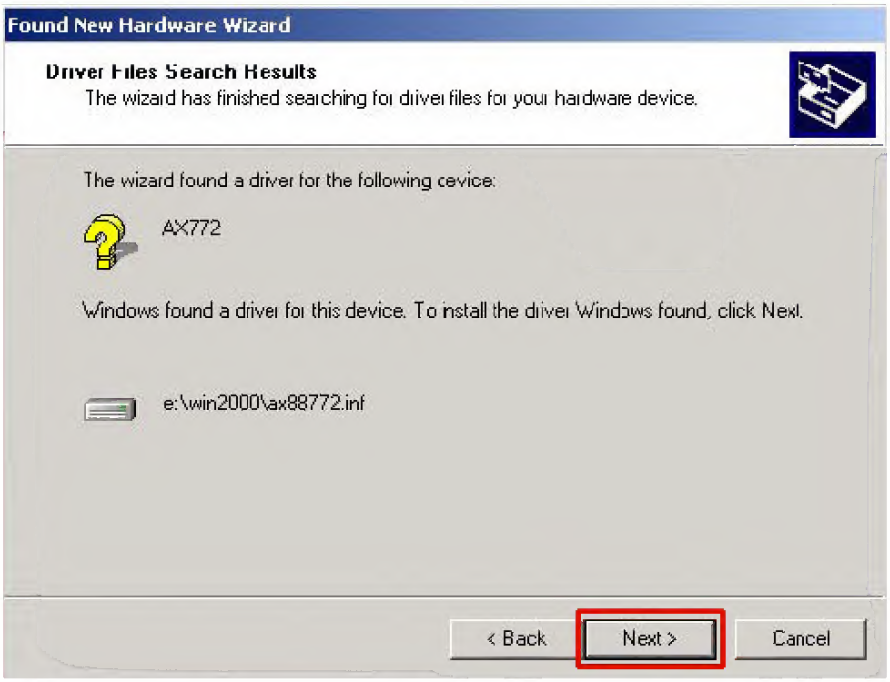
**Step 7** Click **Next** to install the driver.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
AX772
Windows found a driver for this device. To install the driver Windows found, click Next.
e:\win2000\ax88772.inf
< Back
Next >
Cancel

**Step 8** Click **Yes** at the Digital Signature prompt.

**Step 9** Click **Finish** to complete the installation.

**Step 10** Connect an Ethernet cable from the USB 2.0 Ethernet Adapter to the desired Ethernet device.

**Step 11** Restart your computer.



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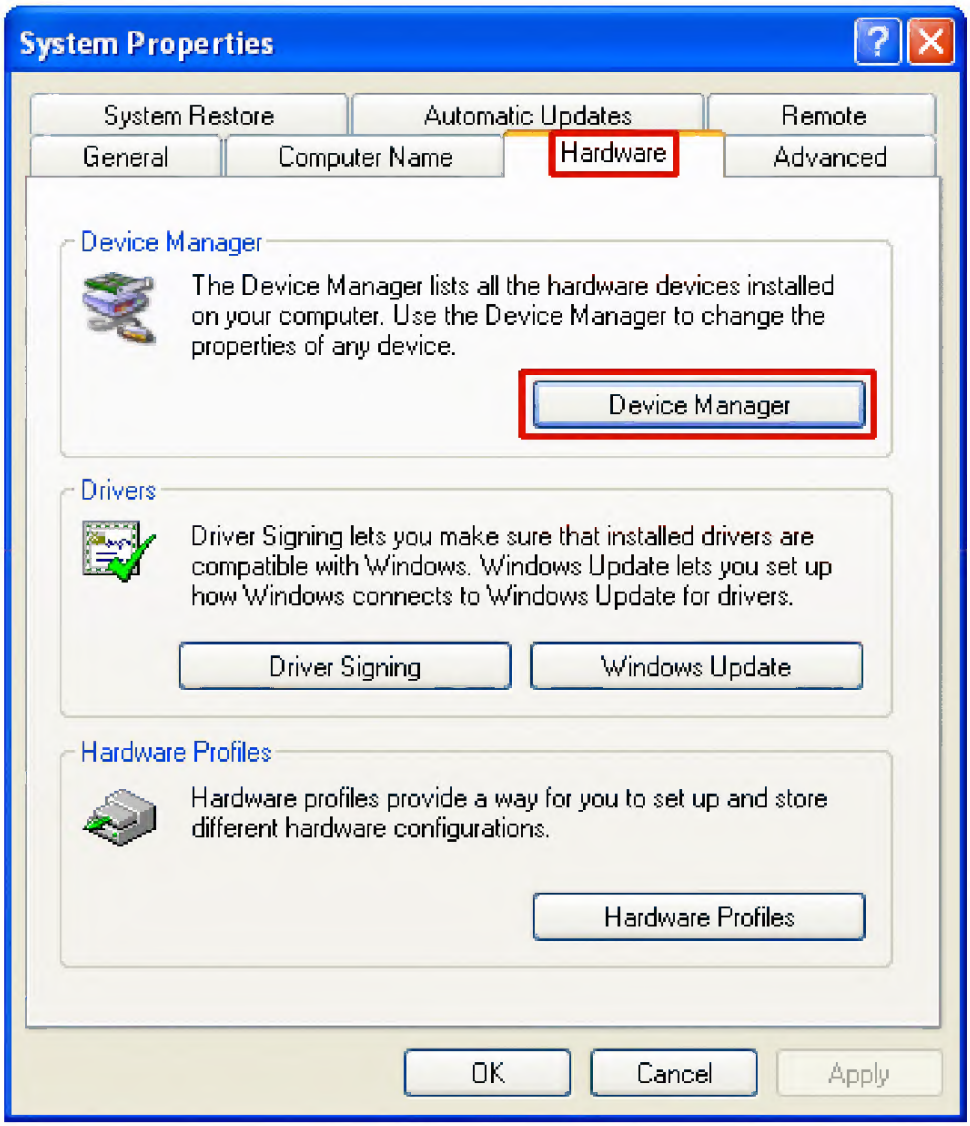
## Verify Driver Installation

To verify if the driver has been installed successfully, please perform the following steps.

**Step 1** Right-click on **My Computer** from your desktop and select **Properties**.

**Step 2** Select the **Hardware** tab and click on **Device Manager**.


System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply



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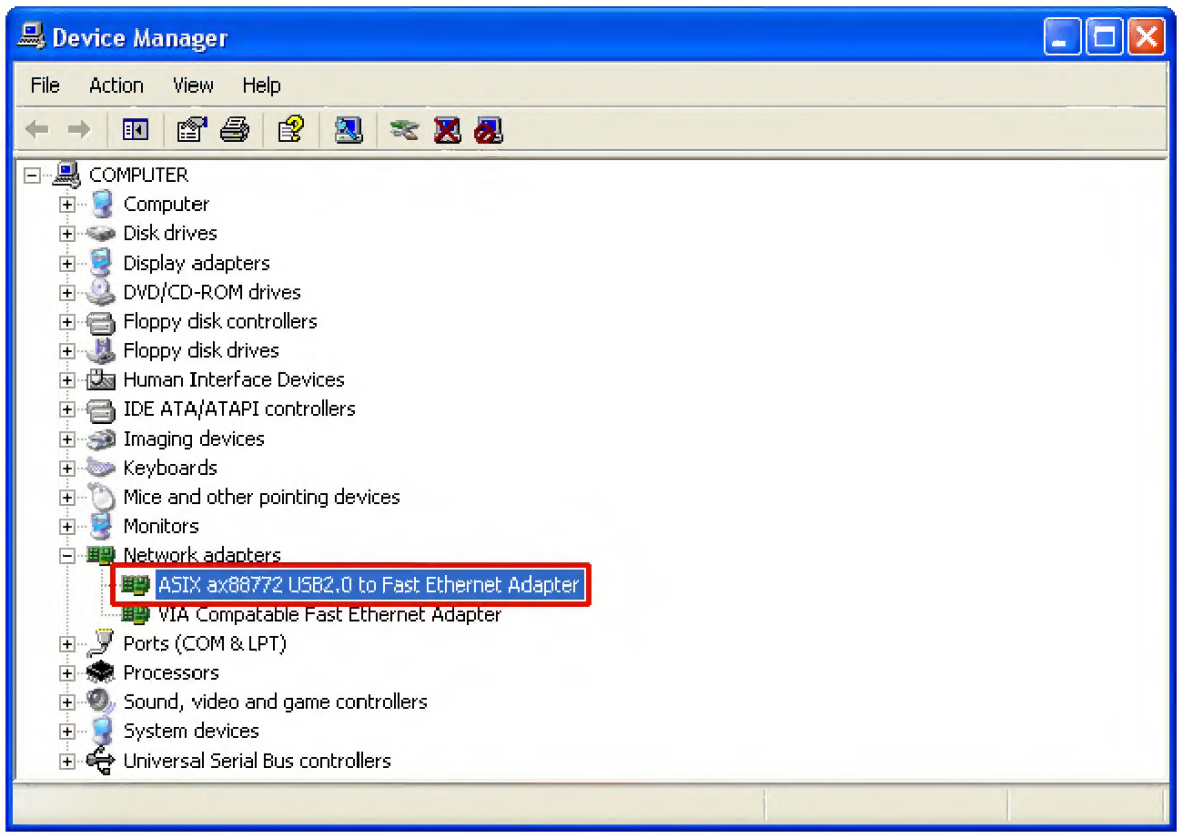
**Step 3** Expand **Network adapters** from the list and verify that **ASIX ax88772 USB2.0 to Fast Ethernet Adapter** is listed and no yellow question mark is beside it.




Congratulations! You have successfully installed the USB 2.0 Ethernet Adapter.



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# Technical Support

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

*Actual throughput will vary. Network conditions and environmental factors lower actual throughput rate.

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